

Features

- Intel® Celeron J3455 Quad Core SoC Processor 1.5 GHz up to 2.3GHz Max
- 10.1" LCD, PCAP Touchscreen 1280 x 800
- Supports Dual Display, 2nd display via external HDMI port
- 4GB RAM, 32GB eMMC Onboard
- Wi-Fi Module 802.11 ac/b/g/n and Bluetooth 5.0
- 1 x HDMI
- 4 x USB 3.0
- 2 x Gigabit LAN. Single LAN if with Android OS
- 2 x Antennas
- 1 x Micro USB OTG Connector
- Optional 2 x COM Ports
- TPM 2.0
- Fanless Operation
- 9V-36V Wide Range DC-In

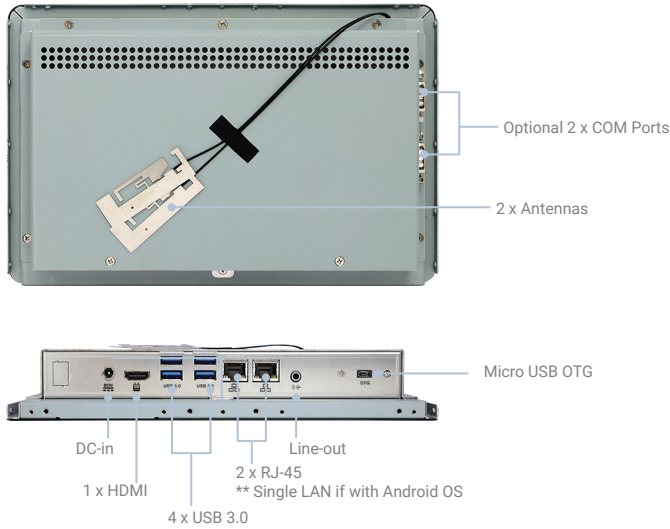


Specifications

System	
Motherboard Inside	ECM-3455J
CPU	Intel® Celeron J3455 Quad Core SoC 1.5GHz Base Frequency, 2.3GHz Burst Frequency, with Integrated Intel® HD Graphics 500
System Chipset	SoC
System Memory	4GB DDR3L 1600MHz RAM
Expansion	1 x Full Size mini-PCIe with mSATA Support & μSIM
Storage	32GB eMMC Onboard
Wi-Fi	Wi-Fi Module 802.11 ac/b/g/n and Bluetooth 5.0 2 x Antennas
OS Support	Windows 10 Android 8.1 Linux Ubuntu 22.04
Panel	
LCD Size	10.1"
Display Type	LCD
Resolution	1280 x 800
Luminance	350cd/m ²
View Angle	85°/85° (H/V)
Touch Type	PCAP
Display	
Chipset	Intel® HD Graphics 500 Integrated
Multi-Display	Supports 2nd display via external HDMI port

Audio	
Chipset	Realtek ALC255
Amplifier	2 Watts Per Channel Amplifier
Ethernet	
Chipset	2 x Realtek RTL8111H PCIe Gigabit LAN Controllers
External I/O	
Audio	1 x Line-out
LAN	2 x RJ-45 ** Single LAN if with Android OS
Display Interface	1 x HDMI
USB	4 x USB 3.0
OTG	1 x Micro USB OTG Connector
COM Port	Optional 2 x COM Ports
Power Input	1 x DC Jack





Mechanical and Environment

Power Requirement	9 to 36V DC Input
Operating Temp	0°C ~ 40°C
Storage Temp	-20°C ~ 60°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Certification Information	CE, FCC Class B, RoHS
Dimension	10.16" x 6.57" x 1.57" (258 x167x40mm)
Weight	3 lbs (0.45 kg)

Ordering Info

OFT10W-3455J-AN	10.1" Open Frame Tablet, Intel Celeron J3455 Quad Core, 4GB RAM, 32GB eMMC, PCAP, WiFi/BT, 1 x Gb LAN, 4 x USB 3.0, USB OTG, 1 x HDMI, 9~36V DC Input, Android 8.1 . Power adapter and power cord are NOT included.
OFT10W-3455J-LX	10.1" Open Frame Tablet, Intel Celeron J3455 Quad Core, 4GB RAM, 32GB eMMC, PCAP, WiFi/BT, 2 x Gb LAN, 4 x USB 3.0, USB OTG, 1 x HDMI, 9~36V DC Input, Linux Ubuntu 22.04 . Power adapter and power cord are NOT included.
OFT10W-3455J-WN	10.1" Open Frame Tablet, Intel Celeron J3455 Quad Core, 4GB RAM, 32GB eMMC, PCAP, WiFi/BT, 2 x Gb LAN, 4 x USB 3.0, USB OTG, 1 x HDMI, 9~36V DC Input, Windows 10 IoT. Power adapter and power cord are NOT included.

* All product specifications and images are subject to change without notice. Last update: 7/21/2023



BCM Advanced Research

11 Chrysler, Irvine, CA 92618 USA
An Industry Leader in Industrial Motherboards
& Embedded Computing

www.bcmcom.com

BCMSales@bcmcom.com
(949) 470-1888